
0600G1--Mussel Watch 2 Preassessment NOV 2010

****DATA SOURCE****

Data were compiled from surveys conducted in the Gulf of Mexico. Data were compiled from the following TDI-Brooks lab electronic data: 10-2528, 10-2529, 10-2533, 10-2536, and 10-2537

The data sets were for samples collected for Mussel Watch 2 Preassessment NOV 2010.

****DATA COLLECTION PURPOSE****

Natural Resource Damage Assessment

****DATA USE QUALIFICATION****

Values for concentration and detection limit should be interpreted to 3 significant figures.
Values for reporting limits should be interpreted to 1 significant figure.

****STUDY****

The data include sediment (surface and subsurface samples) and tissue chemistry data.

****STATION****

StationIDs are based on the Grid locations recorded in the NOAA Field Sampling Information database, plus a sequential number used for each distinct latitude/longitude position reported. Datum was assumed to be NAD83.

****SAMPLES AND REPLICATES****

The original SampleIDs reported by the lab from the Chain-of-Custody is stored in the ExSampID field.

Samples were assigned to each unique location and depth, and field duplicates were coded with a "D" in the SampleID and with a SampType of "FDUP." Subsequent field duplicates (splits) then have a sequential numbering "D2, D3, etc.

The default labrep code was "1A." Lab duplicates (second analysis of same sample for same analytical method) were assigned labrep "2A".

Lab duplicates were identified as those samples with a "D" suffix on the labID.

Several analytes are reported from 2 different analytical methods. The "preferred" result (usually with lower detection limits) is given the default labrep code (e.g., "1A" or "2A"). The results from the non-preferred analytical method have a "X" appended to the labrep code (e.g., "1AX" or "2AX")

The results from the non-preferred analytical method have a "X" appended to the labrep code (e.g., "1AX" or "2AX"). The following chemcode/analytes were measured using two methods:

Methods: PIANO Volatile Hydrocarbons by GC/MS | 8260M and Total Saturated Hydrocarbons by GC/FID | 8015M
AHCN_C09/ Nonane

AHCN_C10/ Decane

AHCN_C11/ Undecane

AHCN_C12/ Dodecane

AHCN_C13/ Tridecane

The results for PIANO Volatile Hydrocarbons by GC/MS were assigned labrep "1AX"

Methods: PIANO Volatile Hydrocarbons by GC/MS | 8260M and Alkylated Polynuclear Aromatic Hydrocarbons | 8270M

BTHIOPHNE/ Benzo(b)thiophene

METHNAP_1/ 1-Methylnaphthalene

METHNAP_2/ 2-Methylnaphthalene

NAPTHALENE/ Naphthalene

The results for PIANO Volatile Hydrocarbons by GC/MS were assigned labrep "1AX"

TDI Brooks Analytical Methods:

B&B SOP1016 - Aliphatic Hydrocarbon Determination by Gas Chromatography/Flame Ionization Detection (Abbreviated 8015 B&B SOP1016 GC/FID)

B&B SOP1006 - Aromatic Hydrocarbon Determination by Selected Ion Monitoring Gas Chromatography/Mass (Abbreviated 8270 M B&B SOP1006 GC/MS)

****SUMMED PARAMETERS****

No sums were calculated and appended to the data set.

****QUALIFIERS****

Qualifiers recorded in the chemistry files represent the final data qualifiers provided by the data validation. Descriptions of the data qualifiers are included in the data dictionary.

****OTHER****